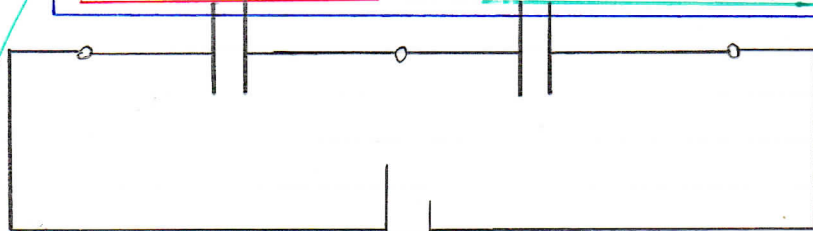


$$E = 15 [V]$$

$$C_{12} = C_1 + C_2 = 18 [μF]$$

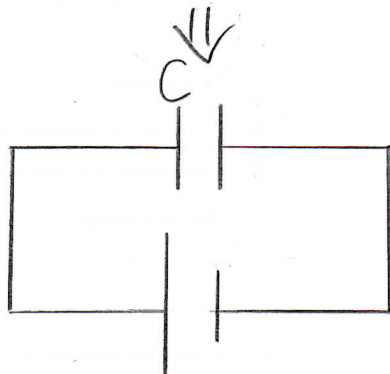
$$C_{34} = C_3 + C_4 = 9 [μF]$$



$$E = 15 [V]$$

$$C_{12} = C_1 + C_2 = 14 + 4 = 18 [μF]$$

$$C_{34} = C_3 + C_4 = 5 + 4 = 9 [μF]$$



$$E = 15 [V]$$

$$C = \frac{C_{12} \times C_{34}}{C_{12} + C_{34}}$$

$$= \frac{18 \times 9}{18 + 9} = \frac{162}{27} = 6 [μF]$$

$$\therefore Q = CV = 6 \times 15 = 90 [μC]$$

(終) by/LTI